

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082019\
 Data File : FE030262.D
 Signal(s) : FID1B.CH
 Acq On : 20 Aug 2019 11:32
 Sample : K4401-02 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE080919.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.335	2.285	2.462	BH	-13	-36403	-0.13%	-0.006%
2	2.465	2.462	2.473	PH	-547	-4404	-0.02%	-0.001%
3	2.479	2.473	2.491	PH	-668	-7272	-0.03%	-0.001%
4	2.502	2.491	2.541	PH	-595	-20622	-0.07%	-0.003%
5	2.554	2.541	2.646	PH	-45	-37697	-0.13%	-0.006%
6	2.666	2.646	2.712	PH	-814	-36312	-0.13%	-0.006%
7	2.728	2.712	2.742	PH	-858	-16707	-0.06%	-0.003%
8	2.762	2.742	2.805	PH	-879	-37850	-0.13%	-0.006%
9	2.837	2.805	2.908	PH	-975	-66034	-0.24%	-0.010%
10	2.935	2.908	2.964	PH	-892	-34121	-0.12%	-0.005%
11	2.974	2.964	2.992	PH	-980	-16980	-0.06%	-0.003%
12	3.005	2.992	3.055	PH	-1005	-42840	-0.15%	-0.007%
13	3.116	3.055	3.166	PH	-1026	-76513	-0.27%	-0.012%
14	3.179	3.166	3.195	PH	-1090	-21506	-0.08%	-0.003%
15	3.211	3.195	3.261	PH	-1188	-52107	-0.19%	-0.008%
16	3.301	3.261	3.417	PH	-1023	-122474	-0.44%	-0.019%
17	3.430	3.417	3.463	PH	-1316	-37359	-0.13%	-0.006%
18	3.495	3.463	3.522	PH	-1261	-49375	-0.18%	-0.008%
19	3.548	3.522	3.642	PH	-1258	-98867	-0.35%	-0.016%
20	3.649	3.642	3.718	PH	-1316	-67547	-0.24%	-0.011%
21	3.734	3.718	3.753	PH	-1415	-31276	-0.11%	-0.005%
22	3.805	3.753	3.845	PH	-1393	-83433	-0.30%	-0.013%
23	3.868	3.845	3.906	PH	-1374	-53028	-0.19%	-0.008%
24	3.928	3.906	3.950	PH	-1396	-38562	-0.14%	-0.006%
25	3.960	3.950	4.021	PH	-1309	-60737	-0.22%	-0.010%
26	4.037	4.021	4.055	PH	-1400	-29548	-0.11%	-0.005%
27	4.061	4.055	4.076	PH	-1479	-18571	-0.07%	-0.003%
28	4.092	4.076	4.115	PH	-1408	-35501	-0.13%	-0.006%
29	4.166	4.115	4.191	PH	-1272	-66298	-0.24%	-0.010%
30	4.229	4.191	4.288	PH	-1295	-83009	-0.30%	-0.013%
31	4.312	4.288	4.321	PH	-1428	-28119	-0.10%	-0.004%
32	4.348	4.321	4.405	PH	-1201	-68006	-0.24%	-0.011%
33	4.423	4.405	4.476	PH	-1223	-57296	-0.20%	-0.009%
34	4.581	4.476	4.595	PH	-1153	-95189	-0.34%	-0.015%
35	4.606	4.595	4.635	PH	-1229	-31072	-0.11%	-0.005%
36	4.645	4.635	4.661	PH	-1241	-20542	-0.07%	-0.003%

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37	4.693	4.661	4.711	PH	-1236	-40337	-0.14%	-0.006%
38	4.727	4.711	4.767	PH	-1182	-42127	-0.15%	-0.007%
39	4.789	4.767	4.828	PH	-1041	-43686	-0.16%	-0.007%
40	4.836	4.828	4.878	PH	-1163	-36313	-0.13%	-0.006%
41	4.945	4.878	4.988	PH	-1069	-78951	-0.28%	-0.012%
42	5.004	4.988	5.017	PH	-936	-18424	-0.07%	-0.003%
43	5.031	5.017	5.048	PH	-1042	-20363	-0.07%	-0.003%
44	5.065	5.048	5.092	PH	-992	-28886	-0.10%	-0.005%
45	5.152	5.092	5.173	PH	-1035	-54770	-0.20%	-0.009%
46	5.233	5.173	5.258	PH	-934	-55993	-0.20%	-0.009%
47	5.270	5.258	5.282	PH	-1001	-15299	-0.05%	-0.002%
48	5.296	5.282	5.319	PH	-986	-24170	-0.09%	-0.004%
49	5.329	5.319	5.338	PH	-1060	-13597	-0.05%	-0.002%
50	5.366	5.338	5.412	PH	6	-24158	-0.09%	-0.004%
51	5.420	5.412	5.474	PH	-705	-33895	-0.12%	-0.005%
52	5.485	5.474	5.510	PH	-918	-22203	-0.08%	-0.003%
53	5.529	5.510	5.582	PH	-331	-36369	-0.13%	-0.006%
54	5.595	5.582	5.616	PH	-956	-20578	-0.07%	-0.003%
55	5.650	5.616	5.675	PH	-695	-29674	-0.11%	-0.005%
56	5.684	5.675	5.726	PH	-865	-26175	-0.09%	-0.004%
57	5.743	5.726	5.783	PH	-794	-29552	-0.11%	-0.005%
58	5.852	5.783	5.878	PH	-592	-47099	-0.17%	-0.007%
59	5.909	5.878	5.928	PH	-585	-20889	-0.07%	-0.003%
60	5.948	5.928	5.967	PH	-451	-14971	-0.05%	-0.002%
61	5.991	5.967	6.015	PH	-178	-16065	-0.06%	-0.003%
62	6.051	6.015	6.105	PH	-170	-28336	-0.10%	-0.004%
63	6.131	6.105	6.155	PH	-415	-16791	-0.06%	-0.003%
64	6.205	6.155	6.235	PH	-298	-24034	-0.09%	-0.004%
65	6.250	6.235	6.309	PH	-322	-19646	-0.07%	-0.003%
66	6.337	6.309	6.398	PH	1704	6807	0.02%	0.001%
67	6.416	6.398	6.438	PH	-395	-10148	-0.04%	-0.002%
68	6.477	6.438	6.625	PH	847	-31176	-0.11%	-0.005%
69	6.648	6.625	6.755	PH	60	-24787	-0.09%	-0.004%
70	6.776	6.755	6.805	PH	-135	-8067	-0.03%	-0.001%
71	6.844	6.805	6.865	PH	171	-2445	-0.01%	-0.000%
72	6.884	6.865	6.912	PH	210	-2394	-0.01%	-0.000%
73	6.931	6.912	7.003	PH	426	-606	-0.00%	-0.000%
74	7.027	7.003	7.092	PH	1580	7729	0.03%	0.001%
75	7.126	7.092	7.142	PH	276	255	0.00%	0.000%
76	7.201	7.142	7.228	PH	528	14253	0.05%	0.002%
77	7.256	7.228	7.344	HH	3566	56315	0.20%	0.009%
78	7.365	7.344	7.392	HH	289	5939	0.02%	0.001%
79	7.426	7.392	7.488	HH	547	9550	0.03%	0.002%
80	7.532	7.488	7.572	PH	585	8044	0.03%	0.001%
81	7.587	7.572	7.641	PH	365	5270	0.02%	0.001%
82	7.667	7.641	7.686	PH	447	5566	0.02%	0.001%
83	7.710	7.686	7.746	HH	603	13336	0.05%	0.002%
84	7.771	7.746	7.792	HH	567	9486	0.03%	0.001%
85	7.817	7.792	7.892	HH	820	29908	0.11%	0.005%
86	7.938	7.892	7.965	HH	2126	34914	0.12%	0.005%
87	7.987	7.965	8.008	HH	782	16322	0.06%	0.003%
88	8.122	8.008	8.218	HH	5265	188692	0.67%	0.030%
89	8.267	8.218	8.342	HH	3961	170423	0.61%	0.027%

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90	8.358	8.342	8.457	HH	1750	99784	0.36%	0.016%
91	8.494	8.457	8.525	HH	1644	54517	0.19%	0.009%
92	8.565	8.525	8.592	HH	2270	61976	0.22%	0.010%
93	8.654	8.592	8.682	HH	3854	106861	0.38%	0.017%
94	8.730	8.682	8.750	HH	1652	58193	0.21%	0.009%
95	8.859	8.750	8.896	HH	2699	152319	0.54%	0.024%
96	8.943	8.896	9.002	HH	5685	161520	0.58%	0.025%
97	9.023	9.002	9.049	HH	2001	51610	0.18%	0.008%
98	9.065	9.049	9.098	HH	1839	51630	0.18%	0.008%
99	9.133	9.098	9.162	HH	2009	71193	0.25%	0.011%
100	9.236	9.162	9.255	HH	2095	104664	0.37%	0.016%
101	9.317	9.255	9.349	HH	3209	132110	0.47%	0.021%
102	9.394	9.349	9.417	HH	2825	100187	0.36%	0.016%
103	9.445	9.417	9.462	HH	2843	70184	0.25%	0.011%
104	9.498	9.462	9.542	HH	2689	119816	0.43%	0.019%
105	9.675	9.542	9.698	HH	3000	244353	0.87%	0.038%
106	9.720	9.698	9.855	HH	6943	310393	1.11%	0.049%
107	9.957	9.855	10.015	HH	3085	274072	0.98%	0.043%
108	10.105	10.015	10.135	HH	5577	263567	0.94%	0.041%
109	10.195	10.135	10.235	HH	4340	229734	0.82%	0.036%
110	10.249	10.235	10.275	HH	4296	94144	0.34%	0.015%
111	10.385	10.275	10.418	HH	4840	352192	1.25%	0.055%
112	10.458	10.418	10.492	HH	8625	239436	0.85%	0.038%
113	10.526	10.492	10.558	HH	7564	215547	0.77%	0.034%
114	10.581	10.558	10.633	HH	4812	204679	0.73%	0.032%
115	10.680	10.633	10.704	HH	5035	202321	0.72%	0.032%
116	10.722	10.704	10.749	HH	4865	128104	0.46%	0.020%
117	10.776	10.749	10.808	HH	5259	175869	0.63%	0.028%
118	10.850	10.808	10.892	HH	6332	289701	1.03%	0.046%
119	10.909	10.892	10.948	HH	5712	190079	0.68%	0.030%
120	10.969	10.948	10.998	HH	5775	168442	0.60%	0.027%
121	11.018	10.998	11.065	HH	5730	225157	0.80%	0.035%
122	11.091	11.065	11.112	HH	6236	166673	0.59%	0.026%
123	11.161	11.112	11.198	HH	10129	360289	1.28%	0.057%
124	11.247	11.198	11.277	HH	8148	320465	1.14%	0.050%
125	11.358	11.277	11.377	HH	6946	394225	1.40%	0.062%
126	11.450	11.377	11.487	HH	7146	447294	1.59%	0.070%
127	11.558	11.487	11.578	HH	7740	392189	1.40%	0.062%
128	11.647	11.578	11.698	HH	8582	563764	2.01%	0.089%
129	11.718	11.698	11.734	HH	8077	170445	0.61%	0.027%
130	11.766	11.734	11.782	HH	8781	235123	0.84%	0.037%
131	11.831	11.782	11.872	HH	12276	500609	1.78%	0.079%
132	11.935	11.872	12.008	HH	8706	691082	2.46%	0.109%
133	12.120	12.008	12.202	HH	28182	1382679	4.92%	0.218%
134	12.218	12.202	12.265	HH	10792	399582	1.42%	0.063%
135	12.287	12.265	12.304	HH	10273	239118	0.85%	0.038%
136	12.323	12.304	12.364	HH	10452	364371	1.30%	0.057%
137	12.472	12.364	12.548	HH	15351	1262312	4.49%	0.199%
138	12.626	12.548	12.695	HH	13357	1053618	3.75%	0.166%
139	12.720	12.695	12.753	HH	11953	404594	1.44%	0.064%
140	12.793	12.753	12.818	HH	12241	462363	1.65%	0.073%
141	12.866	12.818	12.898	HH	12677	586625	2.09%	0.092%

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142	12.920	12.898	12.958	HH	15233	497483	1.77%	0.078%
143	12.975	12.958	13.045	HH	13578	688943	2.45%	0.108%
144	13.083	13.045	13.134	HH	17102	754755	2.69%	0.119%
145	13.157	13.134	13.182	HH	14998	404754	1.44%	0.064%
146	13.234	13.182	13.278	HH	15768	847557	3.02%	0.133%
147	13.310	13.278	13.324	HH	14662	399715	1.42%	0.063%
148	13.354	13.324	13.450	HH	19894	1238344	4.41%	0.195%
149	13.499	13.450	13.532	HH	16190	770634	2.74%	0.121%
150	13.569	13.532	13.602	HH	16109	664615	2.37%	0.105%
151	13.616	13.602	13.645	HH	16506	424508	1.51%	0.067%
152	13.670	13.645	13.768	HH	23797	1332675	4.75%	0.210%
153	13.808	13.768	13.851	HH	17559	856479	3.05%	0.135%
154	13.879	13.851	13.919	HH	18594	730057	2.60%	0.115%
155	13.940	13.919	13.999	HH	18435	865805	3.08%	0.136%
156	14.086	13.999	14.152	HH	20267	1739349	6.19%	0.274%
157	14.173	14.152	14.212	HH	21458	713713	2.54%	0.112%
158	14.233	14.212	14.272	HH	25497	774141	2.76%	0.122%
159	14.330	14.272	14.418	HH	34362	2117126	7.54%	0.333%
160	14.479	14.418	14.502	HH	24022	1115957	3.97%	0.176%
161	14.519	14.502	14.540	HH	23329	527502	1.88%	0.083%
162	14.571	14.540	14.605	HH	74229	1467964	5.23%	0.231%
163	14.655	14.605	14.672	HH	24230	935981	3.33%	0.147%
164	14.692	14.672	14.714	HH	23769	595304	2.12%	0.094%
165	14.774	14.714	14.808	HH	30699	1420333	5.06%	0.224%
166	14.896	14.808	14.942	HH	27246	2081644	7.41%	0.328%
167	14.975	14.942	15.005	HH	26781	990933	3.53%	0.156%
168	15.085	15.005	15.125	HH	27683	1930953	6.88%	0.304%
169	15.173	15.125	15.250	HH	49733	2444402	8.70%	0.385%
170	15.295	15.250	15.342	HH	37763	1700035	6.05%	0.268%
171	15.362	15.342	15.395	HH	30968	961255	3.42%	0.151%
172	15.428	15.395	15.445	HH	30422	903064	3.22%	0.142%
173	15.509	15.445	15.530	HH	32437	1592767	5.67%	0.251%
174	15.555	15.530	15.582	HH	32553	989479	3.52%	0.156%
175	15.701	15.582	15.735	HH	34587	3084770	10.98%	0.486%
176	15.798	15.735	15.828	HH	45721	2069215	7.37%	0.326%
177	15.849	15.828	15.892	HH	36859	1380118	4.91%	0.217%
178	15.923	15.892	15.938	HH	37365	1025781	3.65%	0.162%
179	15.994	15.938	16.038	HH	39489	2297248	8.18%	0.362%
180	16.089	16.038	16.137	HH	41728	2380159	8.48%	0.375%
181	16.188	16.137	16.218	HH	43240	2005837	7.14%	0.316%
182	16.283	16.218	16.345	HH	54569	3279366	11.68%	0.516%
183	16.445	16.345	16.471	HH	47136	3399492	12.10%	0.535%
184	16.491	16.471	16.525	HH	46648	1475335	5.25%	0.232%
185	16.549	16.525	16.566	HH	46007	1123566	4.00%	0.177%
186	16.590	16.566	16.642	HH	47644	2121003	7.55%	0.334%
187	16.661	16.642	16.678	HH	47132	1033778	3.68%	0.163%
188	16.752	16.678	16.815	HH	69021	4429803	15.77%	0.697%
189	16.836	16.815	16.865	HH	54902	1609884	5.73%	0.253%
190	16.985	16.865	17.008	HH	59610	4824599	17.18%	0.760%
191	17.067	17.008	17.115	HH	62158	3787119	13.48%	0.596%
192	17.203	17.115	17.246	HH	81494	5107609	18.19%	0.804%
193	17.264	17.246	17.285	HH	65466	1503546	5.35%	0.237%
194	17.309	17.285	17.332	HH	66730	1822567	6.49%	0.287%

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195	17.354	17.332	17.373	HH	64883	1615392	5.75%	0.254%
196	17.397	17.373	17.422	HH	66337	1891443	6.73%	0.298%
197	17.480	17.422	17.505	HH	67658	3250978	11.58%	0.512%
198	17.531	17.505	17.555	HH	70024	2030775	7.23%	0.320%
199	17.638	17.555	17.699	HH	90322	6124862	21.81%	0.964%
200	17.778	17.699	17.847	HH	78088	6380713	22.72%	1.005%
201	17.871	17.847	17.898	HH	73222	2219191	7.90%	0.349%
202	17.969	17.898	17.992	HH	79638	4272032	15.21%	0.673%
203	18.017	17.992	18.042	HH	85859	2458373	8.75%	0.387%
204	18.063	18.042	18.090	HH	98272	2529605	9.01%	0.398%
205	18.144	18.090	18.225	HH	89991	6692170	23.83%	1.054%
206	18.260	18.225	18.365	HH	83058	6916229	24.63%	1.089%
207	18.374	18.365	18.402	HH	82588	1799045	6.41%	0.283%
208	18.475	18.402	18.535	HH	104730	6980980	24.86%	1.099%
209	18.570	18.535	18.598	HH	92966	3391131	12.07%	0.534%
210	18.619	18.598	18.637	HH	93376	2156791	7.68%	0.340%
211	18.662	18.637	18.711	HH	93614	4116916	14.66%	0.648%
212	18.787	18.711	18.814	HH	97359	5821338	20.73%	0.917%
213	18.871	18.814	18.928	HH	109836	6880451	24.50%	1.083%
214	19.122	18.928	19.148	HH	105890	13387955	47.67%	2.108%
215	19.191	19.148	19.211	HH	109076	4043335	14.40%	0.637%
216	19.260	19.211	19.321	HH	120158	7361854	26.21%	1.159%
217	19.373	19.321	19.408	HH	114815	5803663	20.67%	0.914%
218	19.545	19.408	19.572	HH	124578	11528980	41.05%	1.815%
219	19.636	19.572	19.718	HH	137121	11284653	40.18%	1.777%
220	19.779	19.718	19.815	HH	129117	7446570	26.52%	1.172%
221	20.003	19.815	20.018	HH	150283	16686918	59.42%	2.627%
222	20.064	20.018	20.145	HH	149850	11223657	39.96%	1.767%
223	20.171	20.145	20.189	HH	151167	3866653	13.77%	0.609%
224	20.359	20.189	20.486	HH	166541	28084200	100.00%	4.422%
225	20.507	20.486	20.530	HH	162084	4259329	15.17%	0.671%
226	20.651	20.530	20.675	HH	163375	13915920	49.55%	2.191%
227	20.726	20.675	20.798	HH	162673	11835075	42.14%	1.863%
228	20.817	20.798	20.872	HH	157217	6840453	24.36%	1.077%
229	21.023	20.872	21.052	HH	166992	17134386	61.01%	2.698%
230	21.125	21.052	21.265	HH	163123	20088245	71.53%	3.163%
231	21.412	21.265	21.427	HH	155763	14803990	52.71%	2.331%
232	21.442	21.427	21.458	HH	155452	2865776	10.20%	0.451%
233	21.526	21.458	21.568	HH	157150	10238647	36.46%	1.612%
234	21.606	21.568	21.682	HH	159417	10476136	37.30%	1.649%
235	21.725	21.682	21.742	HH	150517	5387616	19.18%	0.848%
236	21.827	21.742	21.905	HH	154483	14890149	53.02%	2.344%
237	21.972	21.905	22.198	HH	156398	26625005	94.80%	4.192%
238	22.320	22.198	22.418	HH	158393	19957748	71.06%	3.142%
239	22.479	22.418	22.635	HH	152441	19455571	69.28%	3.063%
240	22.651	22.635	22.668	HH	146025	2914061	10.38%	0.459%
241	22.725	22.668	22.749	HH	146981	7059648	25.14%	1.112%
242	22.873	22.749	22.954	HH	149190	18020622	64.17%	2.837%
243	22.974	22.954	22.991	HH	148424	3335602	11.88%	0.525%
244	23.008	22.991	23.037	HH	148194	4008308	14.27%	0.631%
245	23.085	23.037	23.114	HH	149480	6844804	24.37%	1.078%
246	23.171	23.114	23.326	HH	151060	18423248	65.60%	2.901%

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247	23.364	23.326	23.382	HH	141635	4672083	16.64%	0.736%
248	23.436	23.382	23.462	HH	143379	6845010	24.37%	1.078%
249	23.510	23.462	23.528	HH	143183	5654169	20.13%	0.890%
250	23.561	23.528	23.578	HH	142129	4197341	14.95%	0.661%
251	23.617	23.578	23.682	HH	144668	8892826	31.66%	1.400%
252	23.707	23.682	23.903	HH	144431	18699711	66.58%	2.944%
253	23.918	23.903	23.943	HH	137186	3284526	11.70%	0.517%
254	23.963	23.943	23.988	HH	137336	3667026	13.06%	0.577%
255	24.065	23.988	24.098	HH	138616	9030610	32.16%	1.422%
256	24.141	24.098	24.158	HH	139889	4955140	17.64%	0.780%
257	24.211	24.158	24.262	HHA	142975	8832252	31.45%	1.391%
					Sum of corrected areas:		635135337	

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